

# MARS-Surge Protective Device

MARS SERIES **795**



## MARS HVAC Surge Protective Device

The MARS SPD is designed to protect your HVAC equipment for power surges, spikes and transients. Power surges can damage compressors, controls, sensors, logic boards and ECM motor electronics resulting in costly repairs. The MARS Surge utilizes state-of-the-art thermally protected MOV (TPMOV) technology to outperform competitive units while providing safe and reliable protection.

MARS SPD is designed to protect the entire HVAC unit and controls.

- Compressors
- Heat pumps
- ECM motors
- Control boards and sensors

### Features:

- Easy installation with weather proof enclosure
- Meets UL 1449 3rd edition standards
- LED protection indicator
- Fits 1/2 inch knockouts for ease of installation
- 18 inch leads for ease of installation
- Installation - type 1 and 2 (no additional overcurrent device required)
- TPMOV surge technology – thermally protected
- Max current surge 100KA
- \$7,500 connected device warranty
- 3 year warranty

**MARS**  
by Intermatic  
**SURGE PROTECTIVE DEVICE**  
ANSI/UL1449 3rd EDITION  
Type 4X ENCLOSURE  
Model: **83900**

**GREEN INDICATOR**  
ON: UNIT OPERATING CORRECTLY  
OFF: PROTECTION DIMINISHED,  
REPLACE UNIT

120/240 VAC 50-60 Hz  
In : 10kA SCCR: 20kA  
MCOV: L-N: 150V L-L: 300V  
VPR: L-N/G: 600 L-L:900  
TYPE 1 or 2 SPD

Motors & Armatures, Inc.  
250 Rabro Drive East,  
Hauppauge, NY 11788

MADE IN MEXICO

120/240 VAC Single Split Phase SPD for use on a variety of HVAC Equipment

Meets all UL 1449 3rd Edition Standards

Type 4x Enclosure

Green "LED" Protection Indicator

18 in. 10 Gauge Leads

Unmatched Surge Protection Ratings

Only HVAC Surge Protector that is both Type 1 and Type 2 compatible

1/2 inch x 20 Threaded Nipple (weatherproof and UV resistant)

All MARS Surge Protective devices utilize state-of-the-art TPMOV® surge technology

### Specifications:

MARS NO	Voltage	Wire Configuration	Spd Type	MCOV	Enclosure	UL 1449 3rd Edition	Warranty
83900	120/240	L1,L2,L/N-G	1 or 2	150/300	Type 4X	YES-CSA	3 Years